



**US Army Corps
of Engineers**
Engineer Research and
Development Center

News Release

Release No. A-03-06

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For Release: Immediate

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Stevens Alum Andrew R. McHugh is promoted to branch chief

Andrew R. McHugh, a graduate of Stevens Institute of Technology, was recently selected as the chief of the Force Projection Branch at the U.S. Army Engineer Research and Development Center's (ERDC) Topographic Engineering Center (TEC) Alexandria, Va. In 1985, McHugh earned a bachelor's degree in electrical engineering.

As branch chief, McHugh is responsible for directing research and development efforts in the areas of imagery exploitation, digital imagery acquisition, processing, and dissemination in support of the Army and Department of Defense.

Previously, McHugh served as TEC's program manager for the Counter-intelligence/Human Intelligence Advanced Modernization Program Intelligence Now (CHAMPION) Joint Capabilities Technology Demonstration (JCTD), working for the Army, Intelligence and Security Command, National Geospatial Intelligence Agency, Office of the Secretary of Defense, Central Command (CENTCOM) and the Special Operations Command, among other agencies. He brings a unique leadership and managerial style, experience and technical knowledge to his new position.



McHugh

McHugh also served as the project manager for the Special Forces Asymmetric Software Kit (ASK). ASK is a state-of-the-art information analysis and visualization capability being used to assist Special Forces and Civil Affairs Soldiers in accomplishing their mission to fight the Global War on Terrorism (GWOT). In 2004, he received the TEC Director's Award for Excellence in Operational Support for his involvement in the development and implementation of ASK. In 2005, he and his team earned the ERDC Award for Excellence in Operational Support of ASK for the GWOT mission.

As the project manager for the Joint Geospatial Enterprise Services Service and Technology (JGES-S&T) program, he was responsible for funding, personnel and facility requirements in executing this effort. The objective of the JGES-S&T is to enable testing, evaluation and experimentation of critical geospatial services and to make needed architecture a reality in the net-centric environment. The JGES-S&T program promotes the use of geospatial technologies to enable data management, collection, exploitation, visualization and dissemination of geospatial data/information from any available national or tactical source.

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In addition, McHugh served as the technical manager for the \$58 million CENTCOM Deployable Headquarters (CDHQ) project. The CDHQ system was used overseas during Operations Enduring Freedom and Iraqi Freedom to provide CENTCOM with the unique capability to deploy its headquarters worldwide to provide command and control for deployed troops. For his exceptional engineering leadership in supporting this effort, he received the 2002 TEC Director's Award for Leadership Achievement and the 2002 ERDC Research and Development Achievement Award.

The ERDC is the premier research and development facility for the Corps of Engineers. It consists of seven laboratories at four geographical sites, with more than 2,000 employees, \$1.2 billion in facilities, and an annual research program approaching \$700 million. It conducts research in both military and civil works mission areas for the Department of Defense and the nation.